

Inventing Tomorrow: A Guide to Claiming and Patenting AI Creations

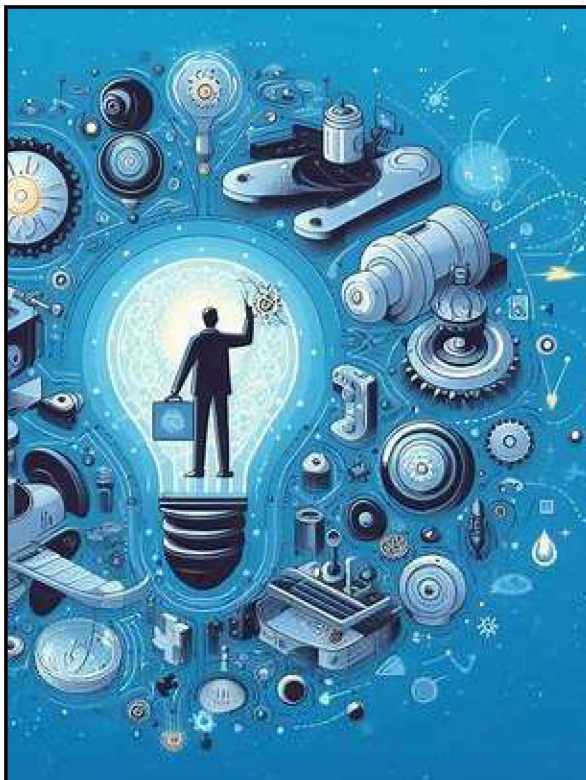
28th Annual Advanced Patent Law Institute

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Agenda

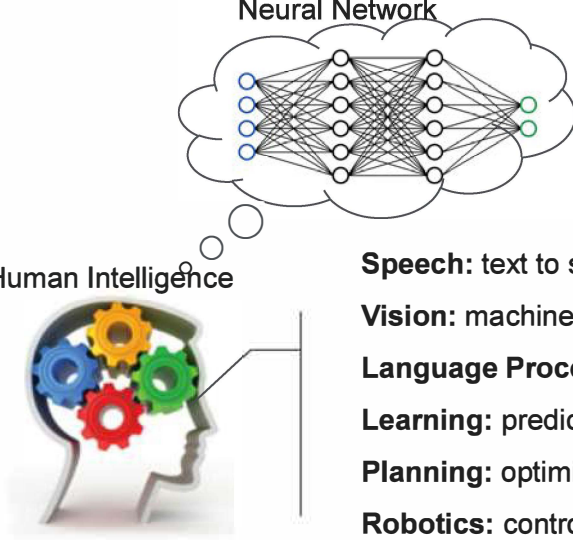
- **Introduction**
 - *Example AI-related Inventions*
- **Enforceability: Invisible vs. Visible**
- **Split Infringement: Inference vs. Training**
- **Eligibility**
- **Generative AI Case Study**

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Introduction

Neural Network



Mimic Human Intelligence

- Speech:** text to speech, speech to text
- Vision:** machine vision, image recognition
- Language Processing:** translation, Q&A
- Learning:** predictive analytics, deep learning
- Planning:** optimization, prediction ...
- Robotics:** control, detection ...

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Generative AI: Where Are We?

Generative AI Timeline



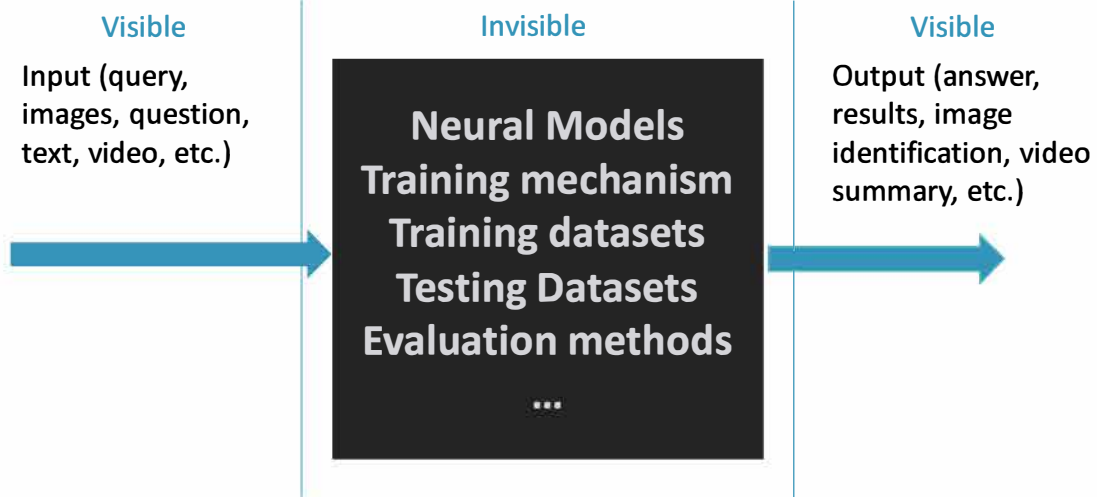
<https://research.aimultiple.com/gpt/>

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Enforceability: Invisible vs. Visible



Are AI Patents enforceable?

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Enforceability? Fun Chat with GPT-3.5

Do you use Google's Transformer architecture

As an AI language model, I am based on OpenAI's GPT (Generative Pre-trained Transformer) architecture, not Google's Transformer architecture. GPT is a variant of the original Transformer model introduced by Google in the paper "Attention Is All You Need" in 2017. GPT takes the Transformer architecture and adapts it for language generation tasks, using a decoder-only structure and pre-training on a vast amount of text data to achieve impressive language understanding and generation capabilities.

That means you use the attention mechanism invented by Google?

Yes, that's correct. The attention mechanism, originally introduced in the Transformer model by Google, is a fundamental component of the GPT architecture that I am based on.

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